

INTEGRATED VIRTUAL HUB CHIP

Abstract of Disclosure

An apparatus that includes a serial port configured to interface with a separate host, one serial interface engine (SIE) connected to the serial port, and at least a first interface unit and a second interface unit connected to the one serial interface engine. In one embodiment, the apparatus includes a virtual hub comprising a firmware unit configured to emulate a hub having multiple ports. In an alternative embodiment, the first interface unit is a keyboard interface, and the second interface unit is a flash media drive interface. In another alternative embodiment, is a Universal Serial Bus (USB) peripheral and the serial port is a Universal Serial Bus port. In another alternative embodiment, apparatus is housed within a keyboard.

Figures